

19980301.qrp v01_n016.qrs.980301

Date: Sun, 1 Mar 1998 19:03:15 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1016

QRP-L Digest 1016

Topics covered in this issue include:

- 1) [5016] YAESU 900 Question
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 2) [5017] WTB:TenTec #282 CW Filtre
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 3) [5018] Dead vertical dipole revisited
by jdenison@morelr.com (JOEL DENISON)
- 4) [5019] ZM-2 is Done!
by Chuck Carpenter <w5usj@webwide.net>
- 5) [5020] RF probes&DMM
by kc4mhm@juno.com
- 6) [5021] Gel-cell battery chargers.
by Rich Bachmann <bachmann@ari.net>
- 7) [5022] Sorry to bother y'all. Help!
by Jonathan Haynes <kc7fys@sa2.so-net.or.jp>
- 8) [5023] New QRP ICQ Chat Channel
by Bill Todd <bill@willapabay.org>
- 9) [5024] 440 Tin Can Resonantor- need help
by David Shalita <af389@lafn.org>
- 10) [5025] Re: Linux pcb
by Hal Maney <maney@ridgefield-ct.com>
- 11) [5026] Delaware=(
by Jordan Tyler Banks <jordan@web-span.com>
- 12) [5027] Re: New QRP ICQ Chat Channel
by "John J. McDonough" <jjmcd@mdn.net>
- 13) [5028] Re: FOX Etiquette???
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 14) [5029] FOX Etiquette (longish reply)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 15) [5030] Vibroplex Champion FS
by "QRPDave" <QRPDave@ocsnet.net>
- 16) [5031] DIP switches
by "Robert D. Armstrong" <barmstrong@mail.SISNA.com>
- 17) [5032] W1AW 20 meters
by k5gq@juno.com (C M Tyler)
- 18) [5033] Re: FOX Etiquette???
by JkHampton <JkHampton@aol.com>
- 19) [5034] ICQ QRP Chat results

- by Bill Todd <bill@willapabay.org>
- 20) [5035] Re: ICQ QRP Chat results
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 21) [5036] Re: W1AW 20 meters
by Monte Stark <ku7y@dri.edu>
- 22) [5037] Re: FS: OHR-400 and MFJ-1270B
by "Rod Logsdon" <bike4life@bikerider.com>
- 23) [5038] A "no mod" Mod for Kenwood, Yaesu, Icom to run qrp
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 24) [5039] Oooops, correction: A "no mod" Mod ... to run qrp
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 25) [5040] RE: DIP switches
by Conrad <radman@best.com>
- 26) [5041] WHere is W0FYR
by Tony Fishpool <g4wif@btinternet.com>
- 27) [5042] Re: VE3ERP QRP Ant. Cheapware
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 28) [5043] Re: 440 Tin Can Resonator- need help
by Tom Bowman <tbowman@nbn.net>
- 29) [5044] Duo-Band Match
by Ed <edn4pk@VoyagerOnline.net>
- 30) [5045] Cloutie Dumpling...QRO pudHi gang,
by Mel Evans <MelEvansGM6JAG@compuserve.com>
- 31) [5046] Re: Duo-Band Match
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 32) [5047] Re: Vibroplex Champion FS
by Jess Gypin <jessqrp@concentric.net>
- 33) [5048] Re: American Science and Surplus "Sunny Square foot"
by Jim <kj5tf@mctc.com>
- 34) [5049] Re: DIP switches
by "Walter Dufrain" <walter@inlink.com>
- 35) [5050] Re: Vibroplex Champion FS
by Jack Mc Kie <mjmckie@frontiernet.net>
- 36) [5051] FYBO WQORP Pictures
by "Claton Cadmus" <aplitech@spacestar.net>
- 37) [5052] Re: DFD3 will blow your mind
by Steven Weber <kd1jv@moose.ncia.net>
- 38) [5053] Got the "Bug"
by "Steve Galchutt" <n0tu@webaccess.net>
- 39) [5054] Rigs answers...
by kcruise@juno.com (Kelly A Cruise)
- 40) [5055] Got the Bug
by "tom palmer" <n1tp@worldnet.att.net>
- 41) [5056] Why Zip Cord Feedlines Are a Poor Choice
by ji3m@maxwell.com (James R. Duffey)
- 42) [5057] Fox: Results of Last N/T Foxhunt for W2MBY
by W2MY & W2MBY <n2mnn@spacegate.com>
- 43) [5058] Novice/Tech+ Sprint

by camqrp@cyberg8t.com (Cam Hartford)
44) [5059] Re: Cloutie Dumpling...QRO pudHi gang,
by Roger Hightower <n7kt@earthlink.net>
45) [5060] SMITE/TiCK Beacon test NOW!
by wb8ygg@JUNO.COM
46) [5061] Wanted:HP2001x Trade/Buy
by flydnq7x@primenet.com (Floyd Smithberg)
47) [5062] Re: Keyer/paddle/SMiTe
by bcutter@teal.csn.net (Bob Cutter)
48) [5063] Fluke 87
by Conway Yee <cyee@bidmc.harvard.edu>
49) [5064] NJQRP to Invade NEQRP and ARRL Mar 15!!
by Joseph Everhart <n2cx@voicenet.com>
50) [5065] BULLETIN ** Golden Fox Appearance
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
51) [5066] Zip-Cord Power Loss
by Chuck Carpenter <w5usj@webwide.net>
52) [5067] Re: Fluke 87
by Chuck and Michele Snyder <csnyder@nextdim.com>
53) [5068] Beacon ON FINALLY NOW!
by wb8ygg@juno.com
54) [5069] BULLETIN ** Golden Fox Appearance
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
55) [5070] Re: Tixie Beacon
by nq2rp@juno.com (B/BAMS Club Station)
56) [5071] No More Novice?
by nq2rp@juno.com (B/BAMS Club Station)
57) [5072] Re: W3EDP vs. Dipole
by nq2rp@juno.com (B/BAMS Club Station)

Date: Sat, 28 Feb 1998 19:07:59 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [5016] YAESU 900 Question
Message-ID: <199802281913_MC2-34FF-BF3E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Anyone know how to disable the AGC in the Yaesu FT-900CAT? Would like to be able to do this during contests. Any suggestions? Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sat, 28 Feb 1998 19:07:51 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [5017] WTB:TenTec #282 CW Filtre
Message-ID: <199802281913_MC2-34FF-BF3C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Looking for a Ten-Tec #285 CW filtre. This is the 250hz unit. Anyone
have an extra one lying around? Please let me know. Thanks :-).

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sat, 28 Feb 1998 18:31:54 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [5018] Dead vertical dipole revisited
Message-ID: <199803010031.SAA22887@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello everybody

As u know the vertical dipole was a great disaster... I looked over the situation today and decided that the feed point (radiation center) was at thirty two feet while my 80mtr dipole was up at 50ft. So I reasoned that with all the hills etc around here the vertical dipole was just too low at it's radiating point... (geezze theat will get me some mail :-)

Today I threw a forty meter loop up with the top of the delta-loop about fifty five feet up and the bottom about ten plus feet off the sneaux... First station heard was an om3... I have been band hopping and it seems to be a very lively antenna...

I am thinking... :-) If I make a bobtail curtain or something similiar with the radiation point up at the top I should have a whale of a signal in at least two directions...

That's the antenna situation as it stands... hope this was not too much space to say farewell to one antenna project and welcome home to another.. :-)

joel wq5cvm/1 strong maine on the hillside...

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

80 mtr dipole up 50ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Sat, 28 Feb 1998 18:47:06 -0600

From: Chuck Carpenter <w5usj@webwide.net>

To: qrp-l@Lehigh.EDU

Subject: [5019] ZM-2 is Done!

Message-ID: <3.0.1.32.19980228184706.006ad7c4@mail.webwide.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

And it works too!

Got the metal cabinet from Jameco yesterday pm (2/27) and started building the tuner -- about 5 to 6 hours to finish. My metal work turned out lousy so I'm not going to take any pictures to share. I used BNC connectors and put them, the switch, and the balanced line terminals on the back panel. I mounted the switches below the tuning caps. The toroid is suspended nicely between the front and back panels. My layout is essentially the as-shipped ZM-2 upside down with the switches underneath.

I had planned to use smaller metal knobs that I had on hand. The shafts of the tuning caps are not grounded and there was a definite interaction with the tuning when I touched the metal knobs. So, the black phenolic knobs shipped with the unit are in use.

I've only tried it with a 50 ohm dummy load so far and it tuned up with that quite nicely -- imagine that 8^)...

One test I will try is to see what sort of losses I get with the RS speaker wire with various resistive terminations. As many of you already know, the ZM-2 is a great QRP product. I enjoyed building it and my flip-up magnifying glasses work as I had hoped. Now, on to the NW20...

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sat, 28 Feb 1998 20:45:41 -0500
From: kc4mhm@juno.com
To: qrp-l@Lehigh.EDU
Subject: [5020] RF probes&DMM
Message-ID: <19980228.204910.3270.0.KC4MHM@juno.com>

Gang:

I have enjoyed the recent thread about the various RF probes and adding peak reading circuits along with peoples favorite DMM. My question is how does one peak a circuit using a DMM? I find an analog meter quite nice; not only does it show peaks but is fun to watch. DMM's are great, I own one and would not like to part with it, but there is a place for an analog meter on my bench.

73 Ed KC4MHM@juno.com

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 28 Feb 1998 20:53:14 -0500
From: Rich Bachmann <bachmann@ari.net>

To: "'daveb@hal-pc.org'" <daveb@hal-pc.org>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@LeHigh.edu>, "'bachmann@ari.net'"
<bachmann@ari.net>
Subject: [5021] Gel-cell battery chargers.
Message-ID: <01BD448B.1BC01D00@ppp_bach.ari.net>

Dave,

I don't have any personal experience with the charger you're looking at, but I've read the article. You might also look at 'smart-chargers.' There are two 'smart charger' chips specifically for lead-acid batteries that I know about, the Unitrode UC3906 and the Benchmarq bq2031. They have built in temperature compensation for lead-acid battery charging voltages and can be left on the battery indefinitely to maintain the charge without harm. I recently bought a UC3906 chip at Active Electronics for about \$5 and have been tinkering on with a charger built on the FAR Circuits board from the 1992 ARRL handbook article mentioned below. I haven't found a place to get a Benchmarq bq2031 chip.

References on UC-3906 based chargers:

" A Continuous Duty Battery Controller" by Dennis R. Blanchard, K1YPP, Communications Quarterly, Winter 1997, page 59.
" A Gelled Electrolyte Battery Charger" 1992 ARRL Handbook, page 27-16
" A New Chip For Charging Gelled-Electrolyte Batteries" by Warren Dion, N1BBH, QST, June 1987, page 26.

FAR Circuits has boards for UC3906 based chargers.

<http://www.cl.ais.net/farcir/>

Jade Products makes a UC 3906 based smart charger. You can get the board, the kit, or an assembled version. <http://www.jadeprod.com/chrgnewa.html>

A&A Engineering makes a UC 3906 based smart charger. You can get the board, the kit, or an assembled version. <http://net33.com/charger/>

The Unitrode web site, www.unitrode.com, has the PDF file on the UC3906 sealed lead-acid battery charger controller chip.

The Benchmarq web site, <http://www.benchmarq.com/prod/bq2031.html>, a PDF is available there also.

Here are some additional references for sealed lead-acid batteries:

1.) CSB Battery Technologies offers specifications for the GP series of Lead Calcium VRLA batteries. The web site offers a little more technical information. Telephone 1-817-732-2258. WWW address:

<http://www.csb-battery.com/existing.html>

2.) Eagle-Picher provided their application manual for Rechargeable, Valve Regulated Lead-Acid Batteries. This manual was particularly informative about testing and can be found on the WWW at:

<http://www.synergysls.com/library/epapp1.html>. Telephone 417-776-2256.

- 3.) East Penn Manufacturing gel cell batteries are sold under the Deka brand name and the smallest is 31 ampere-hours. The technical manual is titled " Sealed Valve Regulated (SVR) Gelled Electrolyte Lead-Acid Batteries." Telephone 610-682-6361. Email address: eastpenn@eastpenn-deka.com. WWW address: <http://www.eastpenn-deka.com>.
- 4.) GNB Technologies (formerly Gould) is new to small batteries with the Small Power series of VRLA batteries. Their large industrial batteries are well known. Telephone 630-691-7879. WWW address: <http://www.gnb.com>.
- 5.) GS Battery, Inc. offers a technical information booklet and a brochure on the Portalac PE series. Between the two, it is complete and concise. Telephone 1-800-235-4535.
- 6.) Hawker Energy Products sent the second edition of the Battery Application Handbook for Cyclon and Genesis Sealed-Lead Products, selection guides and a Cyclon Technical Data book. WWW address: <http://www.hepi.com>. Telephone 816-429-2165.
- 7.) Johnson Controls, Inc. Telephone 1-800-DYNASTY. WWW address: <http://www.johnsoncontrols.com/bg/special.htm>.
- 8.) Panasonic offers a battery catalog with 4 pages on sealed lead-acid batteries. While brief, it presents charging information and the essential curves describing the Panasonic line. Panasonic refers to their SLA batteries as lead-calcium (LC) using an absorbed electrolyte system. Telephone 201-348-7029.
- 9.) PowerSonic offers a Technical Handbook for Sealed Lead-Acid Batteries. Telephone: 415-364-5001. Email address: battery@power-sonic.com. WWW address: <http://www.power-sonic.com>.
- 10.) Trojan Battery Company offers 3 technical notes on charging, condition cycling, and storage of deep-cycle batteries. They also have brochures on battery recycling and deep-cycle battery maintenance. Telephone 1-800-423-6569.
- 11.) Yuasa-Exide offers the NP series Application Manual. Telephone: 1-800-538-3627. WWW address: <http://www.yuasa-exide.com>

73, Rich, N3SLR
bachmann@ari.net

Date: Sun, 1 Mar 1998 11:18:40 +0900 (JST)
From: Jonathan Haynes <kc7fys@sa2.so-net.or.jp>
To: Al Soiseth <alan@fureai.or.jp>, Amy Brightman <amy@drizzle.com>, Dana Andrews <andrewsd@po-1.durant.k12.ia.us>, Ben Barrett <benb@mail.well.com>, Karen Coit <bkcoit@msys.net>, Clay Konnor <Clayko@cris.com>, dat-heads@fedney.near.net, Diana Arens <diana.arenas@olywa.net>,
Subject: [5022] Sorry to bother y'all. Help!
Message-ID: <103130301b11eee3640a6@[210.132.226.19]>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello again,
I experienced, through several swift keystrokes, the loss of everything on my hard drive. Please email me from your old mailbox any recent communications we have had, so I can update my address book. I apologize for the error.
Thanks,
Jonathan

Date: Sat, 28 Feb 1998 18:44:47 -0800
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@LeHigh.edu
Subject: [5023] New QRP ICQ Chat Channel
Message-ID: <1.5.4.32.19980301024447.0072ccb4@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello folks -

I have been learning a few things about the popular Internet Chat program called "ICQ", so as part of my learning curve, I set up a QRP Chat "room". I invite all QRPers to check it out, and stop by and say "hello" to fellow QRPers.

The "UIN" address is: 8926298, and the official name of the Chat room is the "NorthWest QRP Club" chat room - though the room is open for any QRPer to use, no matter what their club affiliation might be.

HOW TO GET THE PROGRAM

In order to get on the chat channel, you must download the ICQ program, and you will find it at: <http://www.mirabilis.com>

The "room" is open 24 hours a day, and the nice thing about the ICQ program is that you can be notified if anyone enters the room (if you wish), even though you might be using another program or application at the time - assuming that you are logged on to the Internet. So, your computer does not have to be dedicated to the ICQ program when you would rather be doing something else too.

My "Alias" is my call, N7MFB. And when you set up the preferences, you can use your amateur call as your alias, or anything else for that matter.

WARNING

Don't use this program instead of getting on the air (hi). QRP Forever.

|CUL, Bill-N7MFB

Date: Sat, 28 Feb 1998 18:51:29 -0800
From: David Shalita <af389@lafn.org>
To: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Cc: qrp-1@Lehigh.EDU
Subject: [5024] 440 Tin Can Resonator- need help
Message-ID: <34F8CD31.AE14A8DF@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I need some real help with trying to narrow the receive bandwidth of my HTX-404 HT for 440 operation.
I am looking for various low cost ways to reduce BW.

I just read the specs for TOKO helical filters from DigiKey web and the specs seem conflicting
for bandwidth and attenuating skirts, have large insertion losses, and seem complex to use.
I want to look at other approaches while I wait for TOKO info to arrive.

DSI of Canada makes a 440 to 450 filter that they say will do the job and help greatly.
\$109 is too expensive for this experiment.

I read that cavity resonators can help and can be made from food tin cans.
Are they practical for my application?

Can someone point me to some detailed construction info so I can build a tin can resonator for receiving FM on 449.325 mhz? I am reading about them in my old ARRL Handbook. Handbook is very lacking in details such as where to locate connectors and how to construct links couplers.

Commercial resonators probably are too costly.

What am I trying to do?

I am trying to use my HTX-404 handheld to work Boeing FM Repeater on 449.325 located 40 miles from me so a friend and I can reduce landline phone costs. With a small linear amp, sorry not qrp, the repeater does hear me with my 440 vertical antenna; will change to a beam soon. My poor HT barely tolerates high gain antenna and cannot tolerate adding a GasFet preamp.

Since receiving is my biggest problem, I have been told I do not need any preamp ahead of HT but I DO need to drastically narrow my receiving signal bandwidth.

I am open to any suggestions. I want to build whatever I can to cut costs, beam, tin can resonators..?

Thanks for any suggestions.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Sat, 28 Feb 1998 22:26:59 -0500
From: Hal Maney <maney@ridgefield-ct.com>
To: qrp-1@Lehigh.EDU
Subject: [5025] Re: Linux pcb
Message-ID: <34F8D583.F49BC043@ridgefield-ct.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Adams wrote:

>

> Greetings! Well, first thing in the AM I am off to Colorado Springs for
> a week, but one quick question before I go....
>
> Has anyone used the "pcb" program under linux? I was reinstalling
> debian last night and noticed it on the package list...next to a circuit
> sim proggy. Any comments?
>
> 73 de dave, n9uxu/0
> --
> David J Adams, N9UXU adamsclan@netgate.net
> Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast
> <http://u1.netgate.net/~adamsclan>

David,

I have tried to use it, but have yet to understand it well enough to be able to use it productively. I always get bogged down trying to figure out how to draw pads. A couple of times I have given up and switched to "idraw".

Maybe someone on the list can offer some advice to make things "click".

Hal

--

Harold D. Maney, K1HM
maney@ridgefield-ct.com
203-431-9329

Date: Sat, 28 Feb 1998 22:34:04 -0500 (EST)
From: Jordan Tyler Banks <jordan@web-span.com>
To: qrp-l@Lehigh.EDU
Subject: [5026] Delaware=(
Message-ID: <Pine.LNX.3.95.980228222544.12448D-100000@wayne.betaweb.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well the band seemed good from what I heard. I setup and turned on the radio only to hear a bad hum from my home made power supply. So I hooked the radio up to my car battery at about 9:00pm local. Than there where so many stations around the posted freq. but oh well. Than, as if it

wouldn't end, I was getting no output. Got home and found out the problem. Sorry to everyone, this was a last minute thing. I well be on again hopefully problem free on Saturday March 14. I well post a time on the list in the next week.

Sorry=(
73's

Jordan Banks
N3WDL Age 16
<http://www.canard.com/jtb>
QRP-L #1402

Date: Sat, 28 Feb 1998 22:47:47 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <bill@willapabay.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5027] Re: New QRP ICQ Chat Channel
Message-ID: <199803010346.4510000@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Bill Todd <bill@willapabay.org>; owner-qrp-1@Lehigh.EDU
> The "UIN" address is: 8926298, and the official name of the Chat
> room is the "NorthWest QRP Club" chat room

There has been a chat channel called 'QRP Connection' for some time, but I have yet to see anyone there.

Also, never seem to see any QRPers on efnet's #HamRadio.

73 de WB8RCR

Date: Sat, 28 Feb 1998 22:15:43 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <JkHampton@aol.com>
Cc: "qrpforum" <qrp-1@Lehigh.EDU>
Subject: [5028] Re: FOX Etiquette???
Message-ID: <199803010357.WAA00241@mailhost.infi.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Tom,

I'm not an expert on much, and certainly not on Fox etiquette. But, here is my version of what happens during the Fox exchange.

The Fox is repeating his exchange over and over, once for each hunter. Therefore, in the interest of time, he should not be asked for repeats.

IMHO, he must get *your* information or there is no exchange. I would make a couple of digit exception. In normal QSOs we miss an occasional letter, but good communication still takes place. This is a judgement call, of course, but when the contact has been made and all information exchanged except for a digit or so that was QRNed, I think it's OK to get a fill in over the internet and call it a good contact for the purpose of the Fox Hunt. This is not a real contest, it's for fun. --And, it's fun to see how much or how little the QRN affected our communication.

In your case, as you see from my report, I got two of your four digits. I knew, or suspected, there was more, but you just disappeared, so I put a couple of question marks in the log and moved on. I intend to consider ours a good contact. --(Unless the grand master of the rules disagrees)

The Fox wants to make as many contacts as he can, so the hunter must assume when the Fox moves on that he has all of the information. In other words, I don't think it's necessary for the Fox to send QSL after copying each exchange. Some may disagree with this.

Finally, there is nothing wrong with calling the Fox again if you're uncertain about an earlier exchange, and if there doesn't seem to be much of a pileup. Certainly, if you know the Fox doesn't have accurate info you should make a second call. Conditions were so variable the other night that at least four guys placed a second call. In three cases, the first exchange was like pulling teeth and the second call was in the clear!

Again, the real purpose is fun, and trying to meet and beat a challenge. So, I don't think the rules should be hard and fast.

Actually, I was very pleased to hear a La. station.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Sat, 28 Feb 1998 23:11:46 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:JkHampton@aol.com" <JkHampton@aol.com>
Cc: "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.EDU>
Subject: [5029] FOX Etiquette (longish reply)
Message-ID: <199802282313_MC2-3511-F9C4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Tom:

Been re-reading your post. You expressed clearly some of the same frustrations other QRPers have experienced.

Seems to be no way to control it. Been happening over and over. Happened to several hunters when K0EVZ was FOX this past Monday night. Nuts.

Was myself stomped on as a hunter in FOXhunts early this season. Went to sleep a happy dude! Several QRPers wrote notes of congrats on yet another pelt. But turned out the QRM had caused me to miss making the final log :-(. May have happened again in the AE4IC hunt just this week. Sure hope not, but we'll see :-).

Bottom line: There are simply some *malicious* folks out there. One guy dogged QRPers on 30 Metres several days one week. He would QRM and then say stuff like "you will never get out with those puny signals...". Wow! Of course he never gave his call. Just like the QRO guy the other night.

Anyway...just hang in there, OM. The best thing is to keep giving it your best shot. Hope to hear you in the hunts next week and clear to the end of the season. Good luck.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sat, 28 Feb 1998 20:19:02 -0600
From: "QRPDave" <QRPDave@ocsnet.net>
To: <QRP-L@LeHigh.edu>
Subject: [5030] Vibroplex Champion FS
Message-ID: <19980301041941500.AAA239@QRPDave>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For Sale: 1 very dusty Vibroplex Champion model, Ser. #2544xx. Am selling for a friend who is a bit down on his luck. It was his fathers. I'm asking \$100, as that's what most guys told me was fair. Get in touch if you're interested. QRPDave

Date: Fri, 13 Feb 1998 18:35:05 -0700
From: "Robert D. Armstrong" <barmstrong@mail.SISNA.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [5031] DIP switches
Message-ID: <1.5.4.32.19980214013505.00722000@mail.SISNA.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

1. I'm building a tiny antenna tuner for backpacking with my SST (2 watts). I was looking through the junk box for a little switch to add capacitors in parallel to the little variables I have when I came across some old Radio Shack DIP switches. They look too small to work ... BUT they sure would be handy. Does anybody know if DIP switches are tough enough for this purpose?

2. What ya'll using in little tuners? Are disc ceramic capacitors OK for this?

Bob, N7XJ

Date: Sat, 28 Feb 1998 15:17:52 -0800
From: k5gq@juno.com (C M Tyler)
To: qrp-l@Lehigh.EDU
Subject: [5032] W1AW 20 meters

Message-ID: <19980228.224934.10102.1.k5gq@juno.com>

I finally worked w1aw after many years of being a ham. Worked W1AW on 20m cw mobile. I did not hear a chirp.

Mark Tyler
K5GQ/m Houston TX
QRP-L 794 ARRL VE since 85

The following two messages were taken off the TenTec Reflector. I have a corsair at home.

----- Begin forwarded message -----

From: "Steve Ellington" <n4lq@iglou.com>
To: <tentec@contesting.com>
Subject: [TenTec] W1AW 20 meters
Date: Sun, 22 Feb 1998 23:15:25 -0500
Message-ID: <E0y6pIb-0005zg-00@iglou.com>

Listen to W1AW's Omni-6 on 20 meter cw. Comapre the keying with the other bands which are using Harris transmitters. Listen carefully for the little chirp.

Steve Ellington
Amateur Radio Operator N4LQ

.....
.....

All Omni-VI and Omni-VI Plus transceivers do not have a "chirp" inherent in the CW keying note. You can be sure the ARRL would never let us rest again if they believed there was a problem with their new Omni-VI Plus. We appreciate their confidence in Ten-Tec by choosing the Omni-VI Plus over every other transceiver made today.

Sincerely,

Scott E. Robbins, W4PA
Amateur Radio Product Manager, Ten-Tec, Inc.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 1 Mar 1998 00:16:44 EST
From: JkHampton <JkHampton@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [5033] Re: FOX Etiquette???
Message-ID: <4771b6ef.34f8ef3e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Bob,

Thanks for the note. I was hoping you might reply. As you can see from my QRP-L number, I am fairly new to this internet QRP experience. It is great fun and I am learning a lot also. At this time, I have been working QRP for about 6 months. Actually, I started it just to see if I could earn the Fists CW Club QRP Century Award and I got hooked. Just turned the power down on the Scout and there it has been ever since.

The Fox Hunts have been both fun and challenging. It's a good feeling to write that Fox contact in the log. It was also fun to put LA "on the map". Since it's not a contest, that's really about as far as it goes. Even a partial beats a two hour dry run wondering if your antenna is still hooked up. I have had a few of those too. As far as I am concerned, our QSO was a partial if my signal faded before you could get a solid copy. That's all part of it to me.

I have had QSO's with several Fists members and not known they were Fists until after the QSO was over. Unless we exchange member numbers, I don't include them toward my count for the QRP Century Award. Several of the Fox are also Fists but I only count them as Fox.

I believe that we have a similar interpretation of the "rules" and I am just as content to be a partial in your log as a full. So do whatever you feel is proper concerning that matter.. I just didn't like not knowing what to do in that situation because it could easily happen again next week. Seems like I saw some postings where calling a second time was discouraged but I don't remember the circumstances.

It's better to ask the advice of the group then take a chance on becoming a LID <:)

Good CW and QRP to all es 72

de AC5JH
Tom

Date: Sat, 28 Feb 1998 21:31:08 -0800
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [5034] ICQ QRP Chat results
Message-ID: <1.5.4.32.19980301053108.0071e134@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang(s) -

Boy - this chat stuff is fun!!

I had a long talk with Nancy, KC4IYD in Cleveland and Rich, K8MEG (QTH unknown) in the chat room. Also, exchanged messages with Tim, K50I and a few others.

Boy, Nancy can sure type fast! Had to keep my fingers a flyin'
CUL, Bill-N7MFB

PS In case you missed it, the ICQ number is 8926298

Date: Sat, 28 Feb 1998 22:09:10 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: bill@willapabay.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5035] Re: ICQ QRP Chat results
Message-ID: <34F8FB86.880A06C0@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill,

Thanks for the post regarding ICQ. Someone told me about ICQ at work one time and I never took the liberty to find out what it is about, so I guess now is as good as any time.

--

Chuck Snyder (No_Call_Sign_Yet)
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Bill Todd wrote:

> Hi gang(s) -
>
> Boy - this chat stuff is fun!!
>
> I had a long talk with Nancy, KC4IYD in Cleveland and Rich, K8MEG (QTH
> unknown) in the chat room. Also, exchanged messages with Tim, K5OI and a
> few others.
>
> Boy, Nancy can sure type fast! Had to keep my fingers a flyin'
> CUL, Bill-N7MFB
>
> PS In case you missed it, the ICQ number is 8926298

Date: Sat, 28 Feb 1998 23:20:38 -0800
From: Monte Stark <ku7y@dri.edu>
To: k5gq@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5036] Re: W1AW 20 meters
Message-ID: <34F90C46.DCCBC93E@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark and all,

Listening to signals and knowing what you are hearing can be deceiving!

When I was an 00 years ago, I sure got my eyes opened! You would be amazed at all the things a receiver can do to a signal.

Even my FT 1000MP can fool me now and then.

So if you hear some clicks, thumps, buzzing, chirping and etc., take the time to really be sure it's "them" and not you!

Not nit picking, just trying to help others keep from getting as embarrassed as I've been!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sat, 28 Feb 1998 20:29:56 +0000
From: "Rod Logsdon" <bike4life@bikerider.com>
To: qrp-1@Lehigh.EDU
Subject: [5037] Re: FS: OHR-400 and MFJ-1270B
Message-ID: <19980301022227.DESB14134@[206.141.215.34]>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The OHR-400 is sold.

> I've decided to sell my OHR-400. I completed it a couple of months ago
> and it is a great radio but I just don't do much portable operating. I
> have an Alinco DX-70T which I can use for QRP and I can take the money
> from the OHR-400 and buy some other goodies.
>
>
>
> -----
>
> I also have for sale an MFJ-1270B TNC. This is a TAPR TNC 2 clone which
> works both HF and VHF Packet.
>
> I have the original manuals, radio cable, wall wart and packaging. The

> radio cable is configured for Kenwood.

>

> Asking \$65 shipped CONUS.

>

> 72/73 de Rod Logsdon ... WK9T

> Carol Stream, IL

> QRP-L # 616 ARS # 153

> E-mail: bike4life@bikerider.com

>

>

72/73 de Rod Logsdon ... WK9T

Carol Stream, IL

QRP-L # 616 ARS # 153

E-mail: bike4life@bikerider.com

Date: Sat, 28 Feb 1998 22:58:35 -0800

From: "ALAN KAUL" <alan.kaul@worldnet.att.net>

To: <qrp-l@Lehigh.EDU>

Subject: [5038] A "no mod" Mod for Kenwood, Yaesu, Icom to run qrp

Message-ID: <19980301070001.AAA5043@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I have put up a small website showing a schematic which will enable the users of a QRO transceiver to run QRP levels without modification to the radio itself (assuming it has an ALC input). Check it out at

<http://home.att.net/~alan.kaul.alc.html>

or visit my QRP page (url below) and click on "no mod" Mod!!

Best 72/73 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA

<http://home.att.net/~alan.kaul/qrp.html>

alan.kaul@worldnet.att.net

w6rcl@amsat.org

Date: Sun, 1 Mar 1998 00:18:28 -0800

From: "ALAN KAUL" <alan.kaul@worldnet.att.net>

To: <qrp-l@Lehigh.EDU>

Subject: [5039] Oooops, correction: A "no mod" Mod ... to run qrp

Message-ID: <19980301081954.AAA13354@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

> Subject: A "no mod" Mod for Kenwood, Yaesu, Icom to run qrp
> Date: Saturday, February 28, 1998 10:58 PM
>
> I have put up a small website showing a schematic which will enable the
> users of a QRO transceiver to run QRP levels without modification to the
> radio itself (assuming it has an ALC input). Check it out at
> <http://home.att.net/~alan.kaul/alc.html>

In previous version I had put a period "." before "alc.html" instead of a slash.

> Alan Kaul, W6RCL, LaCanada-Flintridge, CA
> <http://home.att.net/~alan.kaul/qrp.html>
> alan.kaul@worldnet.att.net
> w6rcl@amsat.org

Date: Sun, 1 Mar 1998 01:25:55 -0800
From: Conrad <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5040] RE: DIP switches
Message-ID: <01BD44B0.FC0EC080@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Bob,

Sounds like a very clever little tuner you're building. I've been =
working on a couple of small tuner designs here too.

RE: 1.) Dip switches... I searched some of my vendor catalogs and found =
that most manufacturers are rating DIPs at 2,000 to 3,000 operations per =
life cycle. That's not a lot for a common switch but, it may be enough =
for what you need. (These ratings would apply to premium grade DIPs. I'm =
not sure where the Radio Shack DIPs would rate in comparison.)

RE: 2.) Ceramic Disc caps.... If they're really "cheap and leaky" you =
may not be real happy with their performance. But, I'd go ahead and =
prototype the design and see how it performs. You may have to move up to =
a higher grade cap if the budget permits ;)

It would be interesting to share component values and ideas... this =
could be a very interesting thread, eh?

Good going there,=20

72 -- Conrad -- nn6cw. =20

=20

To: Low Power Amateur Radio Discussion

Subject: DIP switches

1. I'm building a tiny antenna tuner for backpacking with my SST (2 =
watts).
I was looking through the junk box for a little switch to add capacitors =
in
parallel to the little variables I have when I came across some old =
Radio
Shack DIP switches. They look too small to work ... BUT they sure would =
be
handy. Does anybody know if DIP switches are tough enough for this =
purpose?

2. What ya'll using in little tuners? Are disc ceramic capacitors OK =
for
this?=20
Bob, N7XJ =20

Date: Sun, 22 Feb 1998 10:16:00 -0800
From: Tony Fishpool <g4wif@btinternet.com>
To: qrp-1@Lehigh.EDU, gqrp-1@blacksheep.org
Subject: [5041] WHere is W0FYR
Message-ID: <34F06B60.6AB7@btinternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all,
a friend, Gloria G3VUN is trying to track down W0FYR. The callsign
servers have no listing for him, but perhaps he has either let his
licence lapse, or upgraded etc.
If anyone knows of his address, could they drop me an e-mail please.

Many Thanks
Tony G4WIF/KI8CR

Date: Sun, 1 Mar 1998 05:32:38 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Chuck Carpenter <w5usj@webwide.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5042] Re: VE3ERP QRP Ant. Cheapware
Message-ID: <Pine.SOL.3.94.980301052339.18264D-1000000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Unfortunately, VE3ERP does not have e-mail, and so cannot receive the well-deserved kudos about his current article. However, he would enjoy hearing from you, if not by mail, then by ham radiogram/message via the ham nets.

Many of the folks looking for ways to improve CW could find no better way to practice than by participating in their state CW nets. In this case, use the power level necessary to sustain reliable communications, but high power is usually not needed. I used to work the GA State Net with 10 watts regularly and considered it QRO. Several months commitment to a CW message net will give you a good feel for efficient operating procedures and several years commitment will leave headphone grooves around your ears as well as providing a fine public service.

-73-

LB, W4RNL

Date: Sun, 01 Mar 1998 07:32:34 -0500
From: Tom Bowman <tbowman@nbn.net>
To: af389@lafn.org
Cc: qrp-1@Lehigh.EDU
Subject: [5043] Re: 440 Tin Can Resonator- need help
Message-ID: <3.0.1.32.19980301073234.007d4b40@nbn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I think the cheapest way would be to get helical resonators from a junked 450mHz commercial GE or Motorola radio, maybe circa 1970s.

Someone out there must work in a communications shop nearby that has access to this stuff - it's practically free - and knows how to tune it.

Tuning these resonators for your application will require a spectrum analyser and a sweep generator.

The other concern is sharpening that filter for the receive channel and rejecting everything else INCLUDING your transmit frequency 5mHz below the receive frequency.

I'd suggest having the resonators tuned for the receive frequency, then inserting them in the receive-only path of your HT. I know the thing is going to look kind of kluged with the resonators outboard to the HT but you will probably have a better station in the end...

Any other ideas out there????

73,

Tom, WA3REY

At 06:51 PM 2/28/98 -0800, you wrote:

>Hi,

>

>I need some real help with trying to narrow the receive bandwidth of my

>HTX-404 HT for 440 operation.

>I am looking for various low cost ways to reduce BW.

<bold>_____

</bold><smaller> </smaller><bigger>Tom Bowman <<><< WA3REY,
Mount Gretna, PA 17064

</bigger>

Date: Sun, 01 Mar 1998 07:47:34 -0500
From: Ed <edn4pk@VoyagerOnline.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [5044] Duo-Band Match
Message-ID: <34F958E6.7AD57B28@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a friend send me a copy of the article. Should work just
fine, however I have one "dumb" question. Is the "l" 5 Mh or 5 uH ???
Calls for 5 Mh but that seems rather a small amount of inductance...Ed
N4PK

Date: Sun, 1 Mar 1998 07:50:19 -0500
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [5045] Clootie Dumpling...QRO pudHi gang,
Message-ID: <199803010751_MC2-350D-BB13@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi gang,

The XYL, Ella says a big thanks for the Hershey bar cookies, and in exchange offers her recipe for "Cloutie Dumpling"

Those with Scottish ancestry will know this is a most delicious but seriously calory busting soft pudding type of sweet, similar to, but not the same as a Christmas Pudding. It used to be made wrapped in a fresh clean cloth or "clout" and steamed for some hours over a low heat. It can=

be served hot or cold, even fried and it is guaranteed to stick ribs if required.

Ingredients

1/2 pint water
4 ozs white sugar
2 beaten eggs
1/2lb (8ozs) plain flour (NOT Self- raising)
1 rounded dessertspoon mixed spice
1 rounded dessertspoon cinnamon (powder form)
1 teaspoon bicarbonate of soda
1/2 lb margarine
1/2lb sultanas
1/2lb raisins
1 tablespoon treacle

Method

Put the water, spice, cinnamon, fruit, sugar, margarine and treacle into =
a

large pan and bring to the boil on top of the cooker. Simmer for 1 minute=
=2E

Remove from the heat and add the flour, the bicarbonate of soda and the eggs, mixing well.

Line a medium size bowl with enough clingfilm to go well over the sides a=
nd

place the mixture in the bowl.

DO NOT COVER. Cook for 9 minutes in a 650w Microwave. When ready it shoul=
d

be firm but not crisp.

Serve hot with pour over custard, or with topping or with real cream (eve=
n

more calories :-0)

Serve cold with cream or ice cream.

Slice it and butter it!

Slice it and quick-fry it.

72 and 73 de Mel's XYL, Ella
GM6JAG
Edinburgh, Scotland UK.
Home of the last HW9

G-QRP 1283 EA-QRP 88 ARRL and the likes

Area Chairman, and Secretary British Caravanner's Club, Scotland.

Date: Sun, 1 Mar 1998 08:06:37 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Ed <edn4pk@VoyagerOnline.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5046] Re: Duo-Band Match
Message-ID: <Pine.SOL.3.94.980301080304.13733G-100000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

5 milli-Henrys is a lot of inductance--the size of a VLF RF choke or a small upper spectrum audio choke. 2.5 milli-Henrys was a common value used for RF chokes in old tube-type gear for 80 meters, and I remember the old multi-section scramble wound National chokes.

Hence, 5 micro-Henrys sounds more like it for RF tuned circuit work.

-73-

LB, W4RNL

Date: Sun, 01 Mar 1998 07:15:01 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: QRPDave@ocsnet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [5047] Re: Vibroplex Champion FS
Message-ID: <34F96D65.6BDBC0D2@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You know what, I would have a real hard time buying this. If the guy that owns it is a ham and gets on the air, imagine how he will feel in 3-6 months after the key is gone. I almost wish there was a way that hams could "loan" him the money and let him keep the key! Or, just "loan" him the money, take the key for "collateral (sp?)" and then let him buy it back WHEN, not if, he regrets selling it ;-)

QRPDave wrote:

> For Sale: 1 very dusty Vibroplex Champion model, Ser. #2544xx. Am selling
> for a friend who is a bit down on his luck. It was his fathers. I'm
> asking \$100, as that's what most guys told me was fair. Get in touch if
> you're interested. QRPDave

--

Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/N0TFI> Fox Audio Page

Date: Sun, 01 Mar 1998 08:19:46 +0000
From: Jim <kj5tf@mctc.com>
To: malman@world.std.com
Cc: qrp-1@Lehigh.EDU
Subject: [5048] Re: American Science and Surplus "Sunny Square foot"
Message-ID: <34F91A22.4837@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, Lyn is correct about the price being high per watt. But when the adv. says 12v that's not right either. A.S.S. dosnt explain correctly, and shoots itself in the sunny foot. They put out 19+ volts.

I've had two of these, one was fine and was put to use charging small battery packs at the low safe rate. It's not in a frame so I had to make

one. Its a piece of glass so it's gotta have something.
The second one didn't have solder connections like the 1st one, so I returned it and was sent another one with the same problem! I then got a refund.

The trouble with all small solar panels is cost per watt. So if you want to get into solar power, expect to pay \$20.- \$80. For a square foot of power. That's the way it is. I wish it wasn't so.

The other small panel they sell is priced low and is low power, but its not constructed very well and needs to be structurally enhanced. I didn't do that and the panel cracked, disconnecting the string of solar cells.

Its true these panels are a cheap way into solar, but you must work around the draw backs. Be ready.

Jim - AR QRP

#2 - 100% solar/wind pwr. since 1979

Date: Sun, 1 Mar 1998 09:33:21 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <barmstrong@mail.SISNA.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5049] Re: DIP switches
Message-ID: <199803011535.JAA30193@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Bob and all,

Yep the little dip switches will work just fine for a low power tuner, I have an air coil "L" network that has 3 dip switches, 1 dip has 2 positions on it and its used for forward/reverse connection to the swr meter, the coil switching is accomplished with 2 dips with 12 positions each that switch in & out on an air coil wound with 20awg magnetic wire. The most power that has ever been attempted is 500 mw. More than likely the little "dips" would carry 1 watt with a good match. If you didnt use an air coil, the tuner could sure be tiny, but I just like air coils :-)

Good luck with the tuner project and let us on qrp-1 know

your results.

Walter Dufrain AG5P Wright City, Missouri
C W the Cerebral Wavelength

<snip>

> 1. I'm building a tiny antenna tuner for backpacking with my SST (2
watts).
> I was looking through the junk box for a little switch to add capacitors
in
> parallel to the little variables I have when I came across some old Radio
> Shack DIP switches. They look too small to work ... BUT they sure would
be
> handy. Does anybody know if DIP switches are tough enough for this
purpose?
>
> 2. What ya'll using in little tuners? Are disc ceramic capacitors OK
for
> this?
> Bob, N7XJ
>
>

Date: Sun, 01 Mar 1998 10:42:56 -0500
From: Jack Mc Kie <mjmckie@frontiernet.net>
To: jessqrp@concentric.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5050] Re: Vibroplex Champion FS
Message-ID: <3.0.1.32.19980301104256.0069e78c@mail.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jess,

I have to agree with you as I have been in this poor fellows position a few
times. I e-mailed QRPDAVE about the bug as I am interested in trying to
build a bug and possibly a "Valiant" type bug. I'd like to just have the
chance to study the beast. _IF_ the bug is available and in good condition
I hope to purchase it and offer it back to the fellow that is selling it
when he has the \$\$\$ to spare. A win win situation for both of us I hope!

72 de Jack KC2BBW

At 07:15 AM 3/1/98 -0700, Jess Gypin wrote:

>You know what, I would have a real hard time buying this. If the guy that owns

>it is a ham and gets on the air, imagine how he will feel in 3-6 months after
>the key is gone. I almost wish there was a way that hams could "loan" him the
>money and let him keep the key! Or, just "loan" him the money, take the
key for

>"collateral (sp?)" and then let him buy it back WHEN, not if, he regrets
>selling it ;-)

>

>QRPDave wrote:

>

>> For Sale: 1 very dusty Vibroplex Champion model, Ser. #2544xx. Am selling
>> for a friend who is a bit down on his luck. It was his fathers. I'm
>> asking \$100, as that's what most guys told me was fair. Get in touch if
>> you're interested. QRPDave

>

>

>

>--

>Jess NOTFI <><

><http://www.concentric.net/~jessqrp> Personal Home page

><http://qsl.net/NOTFI> Fox Audio Page

>

>

>

>

>

Date: Sun, 1 Mar 1998 10:19:40 -0600

From: "Claton Cadmus" <aplitech@spacestar.net>

To: "QRP-1" <qrp-1@Lehigh.EDU>

Subject: [5051] FYBO WQORP Pictures

Message-ID: <003d01bd4530\$bd668040\$b4cebfce@groucho>

We have our '98 FYBO experience on the web. Go to the page below and follow
the link. See how it's done in Minnesota! ;-)

73 de KA0GKC Claton Cadmus

cla@spacestar.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Sun, 01 Mar 1998 11:51:40
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [5052] Re: DFD3 will blow your mind
Message-ID: <3.0.3.16.19980301115140.26d757ec@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Announcing DIGITAL FREQUENCY DISPLAY 3.
>
>DFD3 has 10Hz resolution and digital filtering to eliminate flicker due
>to roundoff error.
>
WOW! Simply incredible, blows me away :-)

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 1 Mar 1998 22:15:07 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [5053] Got the "Bug"
Message-ID: <006001bd459a\$2f6b8e60\$3ca8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Recently I've QSO'ed more fists who were using a bug. I'm getting to like the sound and rythum the produce more and more (uh oh!). In my younger day I owned a couple of 'em over time...practiced and practiced ...never did get good at it (I thought I practicing enough). I don't my desire to learn how was real there. However, I'm really getting interested again and wonder if anyone has an dusty bug they would be trade for something. I've really got the desire to learn or should I say:

....I've got the bug againbut no bug! =8^)

I have a OHR 30m Explorer II that I use once in awhile. And lots of QRO
tuner parts....etc.
any interest?

72...Steve

N0TU/solar powered QRP & wire antennas @ 7,200' ASL
Monument,Colorado Grid Sq DM79NB
email:n0tu@webaccess.net

Date: Sun, 1 Mar 1998 09:06:04 -0800
From: kcruise@juno.com (Kelly A Cruise)
To: qrp-1@Lehigh.EDU
Subject: [5054] Rigs answers...
Message-ID: <19980301.091415.11182.5.kcruise@juno.com>

Well, I got back many answers, so a big thankyou to all that responded.
Only one negative comment, and it wasn't about a rig.

Looks like I'll be looking for a FT-840 for home.

Thanks again!

Kel

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 1 Mar 1998 00:42:15 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [5055] Got the Bug
Message-ID: <19980301174114.AAA9383@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Nothing comes close to the "music" of good CW from a bug. More important, it's the easiest to copy. I've used only the "Bencher" iambic. I'd love to be an expert using a vibroplex bug, but the amount of practice that, in my case, would be required is daunting. 72, Tom, N1TP.

Date: Sun, 1 Mar 1998 10:59:24 -0700
From: ji3m@maxwell.com (James R. Duffey)
To: qrp-l@Lehigh.EDU
Subject: [5056] Why Zip Cord Feedlines Are a Poor Choice
Message-ID: <v02130500b11f4314ca9e@DialupEudora>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Zip cord antennas work, I don't think anybody said they wouldn't, but there are better ways to feed antennas than with Zip cord.

Lets start with some Ham History.

Back in the days before Coax was commonly (and inexpensively) available one alternate to the almost universally used balanced feedline was 72 Ohm balanced feedline. This was also in the days before plastics were common. The 72 Ohm balanced feedline looked a lot like the "lamp cord" that was used in light duty (i.e. lamps) household wiring, but was rubber insulated. The household stuff was twisted cloth covered wire. Some Hams used the lamp cord as balanced 72 Ohm feeders instead of the commercial balanced feeder. This was in the depression remember, where scrounged parts kept many a Ham on the air who could not otherwise afford it. Getting on with higher feedline losses was more important than not getting on at all.

Ham lore dies hard and when vinyl covered lamp cord (Zip Cord) became commonly available after WWII, some Hams remembered the pre war lamp cord feedlines and used the Zip Cord for feedline (and antennas). However surplus Coax was widely available, and the use of Zip cord never became as big after the war as it was before the war.

History lesson aside, there are several problems with using Zip cord for feedline;

- 1) The Vinyl insulation commonly used on Zip cord is rather high loss at HF. The losses for vinyl are much higher than the losses for the polyethylene used in coax or window line. This leads to a feedline with higher loss than even lowly RG-58U. This loss in zip cord was measured by the ARRL in the late 70s and appeared in QST at that time as well as in Handbooks until a few years ago. I forget the exact numbers, but losses are

excessive above 40 M. I can look up the exact numbers and post them when I get home.

2) Manufacturing tolerances are poor for zip cord so the wire to wire spacing varies considerably. This leads to a transmission line with widely varying impedance along its length. This varying impedance will lead to a complicated reflected wave along the line, and really complicates the definition of "properly terminated" transmission line. This makes calculations of exact losses difficult. They will be higher than for a transmission line with constant spacing that is properly terminated in its characteristic impedance.

3) The Vinyl insulation used on Zip cord is designed for indoors use. It will often crack, turn brittle and depolymerize when used outdoors. Then it will be subject to wide variations in its properties when wet. The significance of this point may be difficult to grasp until you have spent an entire QSO when it is raining with one hand on the key, two hands on the antenna tuner controls, one hand on the SWR meter, and one hand on the transmitter level control. You get the point then.

On 80 M the loss in Zip Cord is probably manageable for reasonable lengths of feedlines. On 40 M and higher bands the loss increases significantly and one is much better off (lower losses) with even RG58. The losses will be very great for nonresonant antennas fed with zip cord; a 80 M dipole fed at 40 M as an example.

As an emergency or experimental feedline, Zip cord can probably be justified. As an everyday feedline there are better (lower loss) choices. If you are going to Radio Shack for a feedline, even their coax will have lower losses than their zip cord (even the audiophile zipcord).

I would suggest that those using zip cord feedlines for moderate runs would gain a dB or more in signal strength (more if you are using it on 20 M and higher) if they replaced the feedline portion of the zip cord antenna with a good low loss feedline such as RG213 (RG8), RG8X, or even RG58U. Window line is a good alternate for antennas to be used on multiple bands.

I recognize people build zip cord antennas and are happy with them. That does mean that they are the best technology available. Even a mediocre antenna is better than no antenna at all. If you are planning a new antenna installation, and you want the best performance for your efforts, avoid zip cord. The money you save isn't worth it. There are no advantages other than cost. It is not good economics to build or buy a ham station worth several hundred dollars and then try to save ten or twenty bucks on the feedline.

This isn't meant to be a flame. I just hate to see only one side of an issue presented, so I posted this. You can make contacts with zip cord antennas, but with QRP we are trying to make every milliwatt count. Zip

cord will rob you of your precious power. There are better ways to feed antennas.

I can address the bumble bee won't fly myth as well, but that doesn't seem to be QRP related. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 01 Mar 1998 13:24:41 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [5057] Fox: Results of Last N/T Foxhunt for W2MBY
Message-ID: <34F9A7E8.36727B0F@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First of all, I would like to thank all of you who tried to contact me during any of my 17 stints as a Fox this past season. The hunts helped me develop my operating skills. My rough count shows 213 contacts during this past season. I am now officially studying for my General written (I already passed my 13 WPM).

This week's hunt was not too bad. I got bagged by hunters 15 times: 5 hunters got me on Friday night, and 10 got me on Saturday afternoon. I was able to work a mini pileup on Saturday by contacting 9 stations in a row between 19:00 and 19:42. This is more like the N/T hunts should be. Thanks to everyone for taking the time to show up.

John, W2MBY
age:11

Friday night, Feb 28, 00:00 to 02:00 UTC

TIME	CALL	SNT	RVD	NAME	ST
00:04	VE3ELA	329	559	KEN	ON
00:20	K0EVZ	329	559	DOC	MN
00:33	N5TW	119	449	TOM	TX
00:50	KB9LLH	349	369	JIM	IL
01:00	KQ0I	319	559	MARK	IA

Saturday afternoon, Feb 28, 19:00 to 20:00 UTC

TIME	CALL	SNT	RVD	NAME	ST
19:01	KC1FB	579	589	JIM	CT #29 4W
19:06	WA9PWP	229	449	PAUL	WI 5W
19:09	KG2IM	570	579	JOHN	NY #1193
19:14	WD4NAK	559	599	CHARLES	NC
19:21	N3WDL	569	559	JORDAN	MD 16 YEARS OLD
19:29	N8VZU	219	559	DAN	OH 5W
19:34	VE3ELA	579	579	KEN	ON
19:38	WJ2V	599	599	PRESTON	NY #49 (HARD CALL TO SEND)
19:42	AE4IC	589	589	BOB	NC #54 (ZERO BEAT ON WJ2V)
19:49	N2YHT	599	599	DOUG	NJ

Date: Sun, 1 Mar 1998 10:49:38 -0800 (PST)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-1@Lehigh.EDU
Subject: [5058] Novice/Tech+ Sprint
Message-ID: <199803011849.KAA09148@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Two weeks from today, March 15, is the first annual Novice/Tech+ Sprint. You-all are invited to crank your knobs up to the Novice CW portion of your favorite band, crank your keyer speed down, and join in the fun. This is going to be like a 4 Hour Fox Hunt, with the N/T+ stations as the Foxes, and all others as the Hunters. Everyone can work everyone else, but the big points will come from snagging the N/T+ stations.

Just to let evryone know who is who, Novices should sign their call followed by /N, and Techs should sign with /T.

Rules follow.

72/73,

Cam Hartford N6GA
QRP ARCI Contest Manager

NOVICE/TECH+ SPRINT

Date/Time:
March 15, 1997; 2000 - 2400 Z

Exchange: RST, State/Province/Country, Name
Novices sign CALL/N, Tech+ sign CALL/T

QSO Points:
N/T+ to N/T+ = 25 Points
N/T+ to Non N/T+ = 10 Points
Non-N/T+ to Non N/T+ = 5 Points

Power Multiplier:
0 - 250 MW = X 15; 250 MW - 1 Watt = X 10
1 W - 5 W = X 7; Over 5 W = X 1.

Suggested Frequencies:
80 Meters 3710 KHz
40 Meters 7110 KHz
15 Meters 21110 KHz
10 Meters 28110 KHz

Score:
Points (total for all bands) X Power Multiplier

Entry may be Single-Band or Multi-Band. Certificate to the overall winner.
Certificates to the top three finishers in both Novice/Tech+ and
Non-Novice/Tech+
categories. Certificates to top three places in each Single-Band and Multi-Band
class. The contest manager reserves the right to recognize special significant
entries with a certificate award.

Entry includes a copy of the logs and a separate summary sheet. Include
duplicate check sheets with entries of 100 QSOs or more. Indicate total time-
on-the-air, and include a legible name, call, and address.

All entries must be received within 30 days of the contest date. Late
entries will be counted as check logs. The highest power used will determine
the power multiplier. Output power is considered as 1/2 of input power.

Entries are welcome via E-Mail to CamQRP@cyberg8t.com, or by mail to:
Cam Hartford, N6GA
1959 Bridgeport Ave.
Claremont, CA 91711

Date: Sun, 01 Mar 1998 12:06:53 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: MelEvansGM6JAG@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [5059] Re: Cloutie Dumpling...QRO pudHi gang,
Message-ID: <34F94F5D.4B0F7A4F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Geez, I thought you were pulling our legs, :-)

Did a search on the 'net, and found no less than 37 recipes for cloutie dumplings. Something new for the menu at Tuthill this summer.

"clingfilm, sultanas, treacle..." got them translated, too.

--

72/73, de Roger, N7KT

Date: Sun, 1 Mar 1998 12:18:32 -0500
From: wb8ygg@JUNO.COM
To: qrp-1@Lehigh.EDU
Subject: [5060] SMITE/TiCK Beacon test NOW!
Message-ID: <19980301.121833.13726.0.wb8ygg@juno.com>

Well, I had to try the surface mount tick keyer out with the SMITE after the reports of not being able to key the SMITE with keyers.... Mine keys the SMITE fine.

In fact the solder is just cooling on the smite, and the surface mount TiCK is keying it on the air right now.
(I wonder how long the 9V will last)

For those that may want to try and hear it, it's at 3688.3 as measured by the big rig,
with the crystal at 3686.4 .
73 and let me know if any of you hear it.
Brad

Embedded Research
Brad WB8YGG/Gary N2JGU
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 1 Mar 1998 12:33:02 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-1@Lehigh.EDU
Subject: [5061] Wanted:HP2001x Trade/Buy
Message-ID: <199803011933.MAA10999@smtp01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

With serial cable and accessories. Trade AT-11, ZM-2 customized, NC40A
5Watts w/kc-1 and
ant tuner in Oak cabinet, OHR Explorer 5Watts, NW8020 w/KC-1. All built in
good condx.
Any one or combination for what have you? Or give asking price.
72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=117

Date: Sun, 1 Mar 1998 12:37:20 -0700 (MST)
From: bcutter@teal.csn.net (Bob Cutter)
To: terresfm@ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [5062] Re: Keyer/paddle/SMiTe
Message-ID: <199803011937.MAA24671@mailman.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Hi Bob, you wrote
>> I inserted a 3804 transistor into the key line using only the emitter and
>> base leads. Now the SMiTe keys fine with all keyer/paddle combinations.
>>
>1) near as I can tell the 3804 is a NPN: did you attach the base to the
>J6 "Key In", the emmitter to the key and the other end of the Key to
>ground?
>2) do you think a diode might do as well?
>I have a SMiTe and wanted to add a surface mount TIC to it, in part to
>get sidetone.
>Thanks
>Jerry AA10F
>Franconia NH
>Thanks

Yes, you are correct, it is an NPN device and it is functioning as a diode. The base is to the SMiTe keyline and the emitter is to the keyer.

72, Bob KI0G

Date: Sun, 1 Mar 1998 14:56:58 EST
From: Conway Yee <cyee@bidmc.harvard.edu>
To: <homebrew@qth.net>, <qrp-1@Lehigh.EDU>
Subject: [5063] Fluke 87
Message-ID: <03011998145658.308N1T@email.bidmc.harvard.edu>

My original message seems to have failed...

I just found in the Active Electronics catalog that my Fluke 87 may be capable of capacitance measurements. Is this true? If so, how is it done?

I don't have a manual for the 87. Anybody have a spare one? Failing that, is there someone who can send me a photocopy? Would asking Fluke for a manual be a good idea?

tnx es 73 de Conway Yee, N2JWQ

Date: Sun, 1 Mar 1998 16:04:41 -0500
From: Joseph Everhart <n2cx@voicenet.com>
To: njqrp@njqrp.org
Cc: qrp-1@Lehigh.EDU
Subject: [5064] NJQRP to Invade NEQRP and ARRL Mar 15!!
Message-ID: <199803012104.QAA52866@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Wow, only two weeks until the Annual NEQRP meeting at ARRL HQ!

As George, N2APB pointed out recently, several of the NJQRP group is attending once more to attend. And we are extending an invitation to others who would *certainly* enjoy the occasion. Anybody interested

is hereby invited no matter whether you are a member of *any* organization or not. Well, maybe you have to be a member of the human race, but that is probably optional if you have a good reason to attend. :-)

NEQRP is a loosely knit group of like-minded individuals who share our joy of QRP and interest in homebrewing, helping other hams and showing off their goodies. They have aperiodic small get-togethers at hamfests in the New England area but their biggie is this March meeting at ARRL HQ. It's a "must attend" for sure.

The meeting itself takes place in the hallowed halls of ARRL HQ through the good graces of the League and our shepherd for the day, Mike Tracey. We generally meet shortly before 9:30 am in the HQ building where we can view their unique displays of antique memorabilia and, if so inclined, purchase some of the ARRL books - I bought the Hayward RF Design book there a couple of years ago.

Then at 9:30 we all retire to a large conference room for the meeting proper. Which is not to say that this is a proper meeting! It is generally nominally moderated but serves mainly as a chance to find out what's happening qrp-wise in New England. Really it is a social gathering.

When this winds down there is a super-duper free-for-all show and tell session. Everybody who's been building something over the winter or who has bought the latest gadget shows 'em off to make us all drool with envy. I can't guarantee anything, but Dave, NN1G is usually there and this is a great chance for him to show off the latest Small Wonders Lab that he is doubtless developing. And let's not forget that Zack Lau usually shows up, too. He has been known to show off his lab area to the worthy. And there are always folks who have built neat little projects and mounted them in containers and boxes far more exotic than the nopw-pedestrian Altoids tin.

Somewhere about this time we all decide that it's time for lunch. The locals know all the good places so we all carpool off to a deli or Friendly's or a pizza parlor somewhere near.

In the afternoon, ARRL lets us operate W1AW! This alone is worth the trip. Conditions don't always cooperate, but just imagine what you can work with those great antennas and the added S-units that the call W1AW means! And if you don't operate, there is lots of other stuff to enjoy. Doug - KA2UPW has been known to set up his qrp mobile amateur satellite station in the parking lot and knock off a few Q's. You gotta see that to believe it! Then too, there is a loft in the W1AW building where the show-and-tell continues. The loft also serves as a handy troubleshooting resource location. With all the high-powered talent around, there is lots of advice available for those who have projects that need debugging.

Gee, I guess that's enough rambling. I encourage anyone within reasonable driving distance to join us for a day of unparalleled QRP fun. NJQRP shows up as well as scattered others. How about a good showing by the LIQRP gang this year?

For those in NJ, here is what we usually do.

I take off from the south Jersey area at about 4:30 am, driving up the NJ Turnpike. I stop off at the New Brunswick exit and pick up Doug, KA2UPW at about 5:30 am or so. Then we swing by the Garden State Parkway to meet up with the north Jersey gang near the I-80 intersection. From there we all head up carpool-wise to Newington, CT arriving at about 9:30 or thereabouts. We begin the return voyage at about 2:30 or 3 pm, arriving home rather tired, but all abuzz with the enjoyment of a QRO day of QRP fun.

In previous years one vehicle has been enough. So far this year we have at most four of us who will go together. If there is enough interest, we ~~could~~ rent a full-size van and split the costs. If you want to join up with us contact me, N2CX at n2cx@voicenet.com or George, N2APB at gheeron@dialogic.com so that we can gauge the number of attendees.

For reference, George has an announcement of the invasion on the NJQRP web page at <http://www.njqrp.org>. And I suspect that this message may end up there as well.

But whether you go with us or travel separately I encourage everyone to swing on up to Newington for a day of QRP overdose!

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com
work: jeverhar@camden.lmco.com

Date: Sun, 1 Mar 1998 16:14:22 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [5065] BULLETIN ** Golden Fox Appearance
Message-ID: <351A2DFAE256D111883A0060B06B16623CF1CA@s-il02-j.comm.mot.com>

MIME-Version: 1.0
Content-Type: text/plain

FLASH

Golden Fox makes final appearance on Forty Meter Playhouse stage
Tuesday, March 3, (Monday evening local time) in hit play CQ FOX.
Previous appearance SRO. Another SRO audience expected.

Golden Fox to sing hit show-stopper song CQ FOX DE N6WG. Audiences
eagerly await appearance. Curtain goes up 0200 UTC. Propagation will
occur during this time.

QSLs will be autographed following show.

Tickets reported to be going fast. Reservations recommended.

30

Bob N6WG

Date: Sun, 01 Mar 1998 16:43:46 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-1@Lehigh.EDU
Subject: [5066] Zip-Cord Power Loss
Message-ID: <3.0.1.32.19980301164346.00698bb8@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Question for the Scientists and Engineers

Looking for a way to measure the power loss in the Radio Shack speaker
wire, I think the best way, with limited equipment, would be to measure the
temperature of the load, e.g., apply 1 W to a 1.5 W load.

It would be slow but would be a real measure of the percentage of power
lost in the transmission line. I would want to stabilize at room ambient,
apply power, then measure the temp after 10 min or so with and without the
transmission line.

Voltage measurements using the handbook RF probe would be faster but I have
no way to calibrate (I tried it).

Comments anyone?

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sun, 01 Mar 1998 15:00:01 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: cyee@bidmc.harvard.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5067] Re: Fluke 87
Message-ID: <34F9E870.AFDF8531@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Conway,

If you do find someone willing to photocopy for you, could you provide me with a photo copy too? A couple of years ago I bought a Fluke 87 off the net (\$125.00) and is in excellent condition. I called Fluke for some info on it and all they sent me is a bunch of ads supporting some of their new instruments. Give me a shout if you find anything out. Thanks.

--

Chuck Snyder (No_Call_Sign_Yet)
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Conway Yee wrote:

> My original message seems to have failed...
>
> I just found in the Active Electronics catalog that my Fluke 87
> may be capable of capacitance measurements. Is this true? If so,
> how is it done?
>
> I don't have a manual for the 87. Anybody have a spare one? Failing
> that, is there someone who can send me a photocopy? Would asking
> Fluke for a manual be a good idea?
>
> tnx es 73 de Conway Yee, N2JWQ

Date: Sun, 1 Mar 1998 16:13:32 -0500
From: wb8ygg@juno.com
To: qrp-l@Lehigh.EDU
Subject: [5068] Beacon ON FINALLY NOW!
Message-ID: <19980301.161332.3878.0.wb8ygg@juno.com>

Sorry folks if you could have heard the SMiTe beacon, you
would have had a great Receiver! It's finally on an antenna now!!
As WB8YGG

SMiTe transceiver, with TiCK surface mount keyer -2b in beacon mode.

Sorry for the major duh!
73 Brad WB8YGG

Embedded Research
Brad WB8YGG/Gary N2JGU
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 1 Mar 1998 18:18:44 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:cnse97@lmpsil02.comm.mot.com" <cnse97@lmpsil02.comm.mot.com>, "Doc
W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>,
 QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [5069] BULLETIN ** Golden Fox Appearance
Message-ID: <199803011822_MC2-3524-684@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Bob:

Already have reservations for a loge seat. Might not be front centre, but for a performance of this scope and importance..the loge section seemed optimum.

Thanks for arranging good propagation for the theatre-goers. Does one pick this up at the box office..or will it only be available very close to the opening curtain? Also, is it available to both season ticker holders and to those who only attend live theatre occasionally?

It promises to be a signal evening for one and all. We are all expecting a wonderful performance. Thanks again for the generous invitation. Break a leg, Bob!

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.

MWBC

519-16th Street SE

Rochester, MN 55904

507/289-5108 (eves)

Date: Sun, 01 Mar 1998 18:26:16 EST

From: nq2rp@juno.com (B/BAMS Club Station)

To: qrp-l@Lehigh.EDU

Subject: [5070] Re: Tixie Beacon

Message-ID: <19980301.182534.8143.2.nq2rp@juno.com>

No luck here today. 80 is very noisy for some reason, and I didn't hear a thing at 3688.3 KHz...

I even listened with my SMiTe, but no luck...

72/73, Keith, WB2VU0 at the keys at B/BAMS

NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station

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Date: Sun, 01 Mar 1998 18:26:16 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-l@Lehigh.EDU
Subject: [5071] No More Novice?
Message-ID: <19980301.182534.8143.1.nq2rp@juno.com>

OK. Maybe I'm just overlooking it, but there was a report from a WNY OBS that the March 1998 "QST" has info about a proposal to phase out the Novice ticket, allowing present holders to renew, but not administering new tests starting in the Fall of 1998.

I looked though the March 1998 "QST", and didn't find any reference to this, and my ISP is having problems so I can't go over the the FCC or ARRL Websites to verify any of this.

I hope this is not a rumor, only because some fine-tuning to the ;icense structure is needed, and input will be required from the amateur community. Myself, I am NOT in favor of eliminating the Novice, but if the Tech+ fills the bill, allowing Novice HF priveleges along with the Tech VHF/UHF/SHF ones, there is no net loss in the licensing structure, and a savings in the administrative overhead, both for the VE teams and the FCC...

Did I miss something in the current QST? What's your thoughts on the subject? (and PLEASE think before hitting <ENTER> on this...No Flames Needed)

72/73, Keith, WB2VU0 at the keys at B/BAMS
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Date: Sun, 01 Mar 1998 18:26:16 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-1@Lehigh.EDU
Subject: [5072] Re: W3EDP vs. Dipole
Message-ID: <19980301.182534.8143.0.nq2rp@juno.com>

Here we go, and I can't say that the results surprise me.

I put up the W3EDP in a "typical" portable installation, one end at a window, and the other end run up into a tree about 100 feet from the house. The high end was about 25 feet up, and the 17 foot counterpoise ran along the side of the house, and about 60 degrees off the wire line.

The main antenna is a pair of dipoles, inverted vees (sort of) with the apex at 40 feet, the 40 meter ends up about 30 feet, and the 80 meter ends up about 15 feet. The dipoles and their end ropes are the guys for the "A-Frame" mast. The center of this is about 120 feet from the house, and both dipoles are fed with the same run of RG-8X. This is my primary station antenna.

I ended up running the comparison over a 4 day period, and added 160 and 20 Meters into the pool, receive only on 160 M and compared to my 1-wave OCF wire on 20 Meters. The 80/40 dipole heard far better on 160 than the W3EDP, 2 to 3 "S-Units" in all cases. On 20 Meters, the W3EDP was better on paths off the primary axis on the OCF wire, and equal on the on-axis paths, never varying more than an "S-Unit" at any time. I would call them tied on 20.

40 Meters, now this was interesting! On closer in paths the W3EDP won hands down, 1 to 5 "S-Units" out to 150 miles. From 150 to 500 miles, they were almost neck&neck, never more than an "S-Unit" off. Beyond 500 miles, the W3EDP was consistanly an "S-Unit" down. A decent performing antenna for paths under 500 miles, and acceptable on longer paths, including the Single-Letter beacons.

75/80 Meters showed the dipole to be a clear winner, but not by the margin I expected. On ground wave paths it was 1/2 to 1 "S-Unit", this out to about 5 miles, but everything else was an S-unit down including the Eu DX around 3750 KHz and the German SW station up at 3995 KHz (Deutsche Wells???) Still getting a 439 vs. a 449 is still a QSO for the log. If I didn't have the room for the dipole, I would g for the W3EDP, and have plenty of QSO's and fun.

Although I have the 100 watts on tap, I never felt the need to crank the drive up. All the QSO's were on QRP, and the 80 Meter groundwave tests

used the oscillator in the Autek RF-1 for a source, with reports returned on 2 Meter FM from my "local" ops.

In a nutshell, for portable operations or a limited space installation (for a "Small Garden" as our fellow hams in the UK put it), I would go with the W3EDP in a heartbeat. If you have the room/time/inclination, go for the full-sized dipole, with the feedpoint up at least 35 feet, more if possible. If you lack supports, look at any older Handbook, ARRL Antenna book or whatever, and knock together an "A-Frame" mast and use the 80/40 dipoles for the top guys. You can eliminate the side set of guys in the middle by bracing the mast against the house/barn/shed/garage. Mine cost less than \$60 with all-new materials, including the paint and sealer for the ground board.

I don't see why one couldn't put an auto-tuner at the feedpoint, say in the attic or loft, counterpoise dangling to ground and tune this beauty on all the bands, 160M included. Anyone want to give it a try?

72/73, Keith, WB2VUO at the keys at B/BAMS
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End of QRP-L Digest 1016

